

20050711.ba v03_n826.bam.20050711

>From ???@??? Mon Jul 11 16:57:17 2005 -0500
Date: Mon, 11 Jul 2005 16:56:40 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3826
Message-Id: <20050711215641.85A7F4081F@srvr1.theporch.com>

BOATANCHORS Digest 3826

Topics covered in this issue include:

- 1) re: RAO
by "John Gillespie" <jgillespie@porchlight.ca>
- 2) Re: RAO
by wb3fau@att.net
- 3) knobs
by "signetics@netzero.com" <signetics@netzero.com>
- 4) Summary of info on RAO identification
by Richard Post <postr@ohiou.edu>
- 5) Two for Our Kith and Kin in the U.K.
by David Stinson <arc5@ix.netcom.com>
- 6) FS: GONSET TWINS
by "Richard W. Solomon" <w1ks@earthlink.net>
- 7) ADMINISTRIVIA: No More Reposts
by listown@nanniandjack.com (Mail List Owner)
- 8) FS: Vintage Cesco Coax Dipole DRI-FIT
by WA5CAB@cs.com
- 9) Kaar radio ID?
by "Nick England" <nick@3rdtech.com>
- 10) Re: Kaar radio ID?
by "Hue Miller" <kargo_cult@msn.com>
- 11) For Sale: Original SX-28 Manual
by "wb6orz" <wb6orz@pacbell.net>
- 12) [Radiomarine] Night of Nights Reminder - With Updates
by Richard Dillman <ddillman@igc.org>
- 13) Re: Summary of info on RAO identification
by WA5CAB@cs.com
- 14) Re: [Radiomarine] Night of Nights Reminder - With Updates
by "Marty Reynolds' debris field" <polepeeg@ba-watch.org>
- 15) Re: [Radiomarine] Night of Nights Reminder - With Updates
by Richard Dillman <ddillman@igc.org>
- 16) FS: Manuals & BA Parts
by "Richard W. Solomon" <w1ks@earthlink.net>
- 17) Manual needed for SPA-1
by Tom Aschenbrenner <boat@aschen.com>
- 18) Johnson FS and Free

by Brian K Harris <brian.k.harris@philips.com>

Message-ID: <000f01c583b8\$390e8080\$8800a8c0@jgillespie>

From: "John Gillespie" <jgillespie@porchlight.ca>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: re: RAO

Date: Fri, 8 Jul 2005 08:25:09 -0400

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi gang:

I have one of these National NC120's.

It has (2) 6K7 RF tubes, 1 in a doghouse (2) 6K7 IF's,
6J7 1st Det, 6C8G 2nd Det, 6F8 AVC & 1st audio, 6J5
HF0, 5Z3 Rect, 6K6 Audio, and a 6J7 CW Osc.

When we disassembled the Xtal phasing unit, it had what
appeared to be a date pencilled onto the lower porcelain
insulator (9-7-1-43). It looks like a date code although I
wonder why the 4 numbers. The 43 may also be a 48 it is
poorly written I have assumed the 43.

The case of the Xtal phasing unit also had a black rubber
stamped RAO-11 on it.

My notes also suggest the IF cans were similarly
marked, but they are stamped RAO-19.

I think this radio was a commercial production, there
aren't any military ID tags or empty holes to mount them.
The radio has an S-meter. One previous owner
scratched their own ID onto the case that appears to be
possibly VE2APC.

Incidentally, although dated, it still receives very well
the tone control was a good idea.

Any thoughts gang! John!

From: wb3fau@att.net

To: Old Tube Radios <boatanchors@theporch.com>

Cc: Richard Post <postr@ohiou.edu>

Subject: Re: RAO

Date: Fri, 08 Jul 2005 15:36:59 +0000

Message-Id:

<070820051536.17389.42CE9D9B0000D069000043ED21603763169A0E00CC0D99@att.net>

Hey guys anyone think of trying the BA archives?

Mime-Version: 1.0
From: "signetics@netzero.com" <signetics@netzero.com>
Date: Fri, 8 Jul 2005 21:07:42 GMT
To: Old Tube Radios <boatanchors@theporch.com>
Subject: knobs
Content-Type: text/plain
Message-Id: <20050708.140841.16388.14180@webmail29.nyc.unttd.com>

I am looking for knobs for a Hallicrafter's S40. They are the same as the knobs for the S38 and S76, I think
Phil

Mime-Version: 1.0
Message-Id: <p05210602bef49ae3e6c0@[192.168.1.101]>
Date: Sat, 9 Jul 2005 00:09:57 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <postr@ohiou.edu>
Subject: Summary of info on RAO identification
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I have summarized the notes gleaned from the group and added some pieces from archive sources. Please add to or correct as needed.

I have several questions. Regarding the note below that the RAO-6 has a "little box" with a Navy coax connector installed. Did that same model also have the binding posts, perhaps inside that box? The note seem to imply that both were present. Also, what was the exact location of the Panadaptor output jack? And which, if any, of the RAO had a twist-lock power connector?

Here is the draft of RAO identification summary:

RAO Manufactured by National , type CNA-46072, rack mount.
The first RAO has no "back porch". (the added second sliding coil catacomb that adds an extra RF amp stage and 4 inches to the depth of the receiver) All other models have the "back porch". original Navy Contract date was 10/18/38. antenna input is to a terminal board.

RAO-2 Manufactured by National , type CNA-46187. uses type CNA-10125 Mount. has S-meter. No Panadaptor output. Serial number range is 1 - 2721. in NAVSHIPS 900,352. antenna input to a

terminal board.

Known contract date: 11/20/1943

RAO-3 Manufactured by Wells Gardner, type CWQ-46187-A. has S-meter. 115 volts only. in Navships-900, 359-1B. known contract date code 11/18/1943. "odd antenna connector". No Panadaptor output.

RAO-4 Manufactured by Wells Gardner, type CWQ-46187-B. has S-meter. Same as RAO-3 except 115/230 volts with a jumpering arrangement to change voltages. in Navships-900, 359-1B. "odd antenna connector". No Panadaptor output.

RAO-5 Manufactured by Wells Gardner, type CWQ-46229 receiver, CWQ-49493 Loudspeaker and CWQ-10125-A mount. 115/230 VAC input. (but manual for RAO-7 says "Odd numbered models (5, 7, etc.) operated from 115 VAC.") has Navy type coaxial connector antenna input. Connector is straight into back of set (coax is horizontal)

RAO-6 Manufactured by National, S/N 1 through 200 has S-meter, S/N 201 through S/N 1200 do not. in NAVSHIPS 900,352. has Navy type coaxial connector antenna input. Connector is in an add-on box with connector in top (coax is vertical). has Panadaptor output (S0-239). (may have twist-lock AC power connector). One writer said "my RAO-6 manual is also rubber stamped on the cover "AND RAO-7". The schematic and parts list has E-101 antenna binding posts, followed by J-105, Jack, concentric antenna, and the drawing shows a small added box on rear with J-105 mounted vertically. Look for 4 screw holes in back around the binding post for indications that an antenna box was there." "Odd oversized antenna connector is correct". Known contract Date: 22SEP1943

RAO-7 Manufactured by National, type CNA46233. no S-meter. 115 volts. (may have twist-lock AC power connector). has Panadaptor output (S0-239). Manual for RAO-7 says "The RAO-7 is the Navy model of the NC-101XA receiver. The main difference being the addition of a second rf stage for reduced radiation from the local oscillator and the omission of the S-meter. The RAO is a general coverage receiver with no electrical bandspread and covers from 540 kcs to 30 mc with an IF of 455 kc. Odd numbered models (5, 7, etc.) operated from 115 VAC." Known contract date: 31MAY1945 (for 1073 receivers and 1073 spare parts sets).

RAO-8, no S-meter.

RAO-9 Manufactured by National, type CNA-46283. no S-meter. Has small rack mount "handles" and "capture" screws on front panel.

Components inside marked "CNA-xxx" indicate National as manufacturer.

Components inside marked "CWQ-xxx" indicate Wells Gardner as manufacturer.

Date: Sat, 09 Jul 2005 00:40:35 -0500
From: David Stinson <arc5@ix.netcom.com>
Subject: Two for Our Kith and Kin in the U.K.
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <42CF6353.3030303@ix.netcom.com>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7bit

Uncle Sam seconds John Bull and
Sir Winston abridged, but still immortal.

<http://home.mindspring.com/~arc5@ix.netcom.com/thead.s.jpg>
<http://home.mindspring.com/~arc5@ix.netcom.com/sirw1.mp3>

From: "Richard W. Solomon" <w1ks@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: GONSET TWINS
Date: Sat, 9 Jul 2005 11:13:59 -0400
Message-ID: <IBEAICMPAKMPCMJKFBLBGEEHEJAA.w1ks@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have two items that need to find a new home:

Gonset G-77 Transmitter, with AC Supply/Modulator \$125

Gonset Twins: G-77 Transmitter and G-66B Receiver \$200
with AC Supply/Modulator and ORIGINAL Manuals

Last used a few years ago on 80 AM, made a couple of Q's,
said, "that's nice" and back on the shelf they went.

PICK-UP ONLY in Lexington, MA

Otherwise off to the place whose name we dare not speak !!

73, Dick, W1KSZ

From: listtown@nanniandjack.com (Mail List Owner)

To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: No More Reposts
Date: Sat, 9 Jul 2005 11:15:00 -0700 (PDT)
Message-Id: <20050709181500.1C628141EA@osr506.nanniandjack.com>

Gang-

This is a reminder that reposting of For Sale or Wanted items from other internet sources (lists and auctions) is discouraged.... may prohibited on the BoatAnchors list.

If a BA list member wants to post the item elsewhere and on the BA list, that creates NO problem. What we are trying to avoid are "seen on EBay" or "prime rig on xxx list" type posts... Very few BA members limit their searching to just the BA list!

The problem comes when the poster in the other venue is not asked about the re-post... without the permission of the poster, problems are guaranteed, and I do not have the time, the energy, or the desire to address and deal with the headaches that re-posting causes... I'll grant you that folks in other venues need to be re-calibrated, but I do NOT want to referee! ;^)

So, henceforth, let's have NO re-posts from other sources referred to the list. Yes, I know this may sound pretty provincial, but those who really care have browsers and know where to look, and those who don't, probably don't....

I do NOT need the aggravation of someone who posts to a newsgroup and then has to fight off the hungry folks from the BA list who want to rearrange his viewpoint or calibrate his selling technique.

ENOUGH! Already... Just don't do it!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Sat Jul 9 11:15:00 PDT 2005

From: WA5CAB@cs.com
Message-ID: <81.2b4b0bd9.3001f2ec@cs.com>
Date: Sat, 9 Jul 2005 23:41:32 EDT
Subject: FS: Vintage Cesco Coax Dipole DRI-FIT
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;

boundary="part1_81.2b4b0bd9.3001f2ec_boundary"

--part1_81.2b4b0bd9.3001f2ec_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Group,

No dates on this but from the manufacturer's address (Dayton 18, Ohio) I'd guess late 40's-50's vintage. Cast aluminum center fixture for a coaxial cable fed dipole, made by Cesco. I think I vaguely recall these or similar units from my early issues of QST or CQ, or maybe Allied or BA catalogs. Two arms where the antenna wire enters from each side, a hanging eye on top, and a clamp and hole at the bottom where the coax enters.

I've probably had it 30-40 years. Unearthed it last week while doing some shack cleaning. Unused with original instruction card. I wouldn't suggest actually using it but it would make an appropriate period piece with a 50's vintage civilian ham gear collection (which I have none of). \$15.00 shipped CONUS.

Robert Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
MVPA 9480
<wa5cab@cs.com> (Primary email)
<wa5cab@houston.rr.com> (Backup email)

--part1_81.2b4b0bd9.3001f2ec_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_81.2b4b0bd9.3001f2ec_boundary--

Message-ID: <00d001c58565\$8937be10\$fd0212ac@3rdtech.com>
From: "Nick England" <nick@3rdtech.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Kaar radio ID?

Date: Sun, 10 Jul 2005 11:39:14 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

See <http://www.virhistory.com/ham/Kaar-Radio-Pics.htm>
I got these photos from someone who wants info (age, use, value) on an old
radio she found. Says it has a "Kaar Engineering Corp" and "San Francisco Radio
and Supply Co".
Please reply directly to "Monica Dean" <lovesbirdies@optonline.net>

73 & Have Fun,
Nick KD4CPL

Message-ID: <BAY106-DAV2070458312C6090A7E7304E4DD0@phx.gbl>
From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <lovesbirdies@optonline.net>
Subject: Re: Kaar radio ID?
Date: Sun, 10 Jul 2005 13:00:27 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

IF this is a KAAR KE-23 receiver, it's:

550 kHz thru 42 MHz in 4 bands
1 RF, 1 IF, single 6V6 output
does have bandsread but no crystal filter
1943-1944
I'd say pretty basic radio approximately
equivalent to lower line Hallicrafters
I'd guess value as \$100 plus or minus
\$50 (how's that for accuracy).

with the turntable i'd say maybe it was
setup for recreational use in some hall
or servicemen't lounge? That kind of
turntable is a real record-eater so altho
someone "might" want to retain it they
surely would not use the turntable.
-Hue Miller

Message-ID: <004201c5858e\$634406e0\$0200a8c0@Shack>

From: "wb6orz" <wb6orz@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: For Sale: Original SX-28 Manual
Date: Sun, 10 Jul 2005 13:31:44 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_003F_01C58553.B68841D0"

This is a multi-part message in MIME format.

-----=_NextPart_000_003F_01C58553.B68841D0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: quoted-printable

In fine shape and complete. \$25 plus \$3.50 to ship in a Priority =
Mailer.

((((((73))))))

Les

---=3D=3D=3DWB60RZ=3D=3D=3D---

-----=_NextPart_000_003F_01C58553.B68841D0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_003F_01C58553.B68841D0--

Message-ID: <23819724.1121038024344.JavaMail.root@wamui-
chipeau.atl.sa.earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Dillman <ddillman@igc.org>
MIME-Version: 1.0
Date: Sun, 10 Jul 2005 19:27:04 -0400 (EDT)
Subject: [Radiomarine] Night of Nights Reminder - With Updates
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

NIGHT OF NIGHTS PREPARATIONS COMPLETE

KPH TO BE AVAILABLE ON LINE

KWMR INTERVIEW ABOUT KPH TO BE REPEATED

WILL WLO BE ON THE AIR?

o The preparations for Night of Nights VI are essentially complete. All transmitters for KPH and KSM were tested and exercised on Saturday and final arrangements for the operating positions at the receive station were made.

Night of Nights VI will take place on 12 July pdt/13 July gmt. For complete information about Night of Nights VI please see:

<http://www.radiomarine.org> .

o Through the generosity of Bill Ruck, W6VSY, an arrangement has been made to allow the KPH 4Mc signal to be heard on line. This will allow those who can not copy directly to at least hear the signal and confirm that the station is on the air. It's expected that there will be a delay of several seconds in the feed. This is very much a beta test so we can't guarantee that it will work as expected but give it a try if you wish. The URL is:

<http://kumr2.lns.com:8000>

Click on the Listen button (Bill's receiver is tuned to WWV as I write).

o On Thursday last week I was interviewed on community radio station KWMR about KPH and Night of Nights VI. The station is located in west Marin, California, the home of KPH, but was also made available via audio streaming on the Web. Unfortunately the streaming failed during the program. The interview will be rebroadcast on Monday, 11 June, at 5:30pm pdt. However, as I write, the streaming service is still down! I have great hopes that the ISP will fix the problem on Monday morning. Your best bet is to simply go to:

<http://www.kwmr.org>

and click on the ON AIR sign to see what happens. The program was recorded on CD so if there is any interest copies could be made available for a very modest sum to cover shipping.

o Rene at WLO has written to say that WLO operations may be "somewhat curtailed" by hurricane Dennis. The best we can all do is send our best wishes to him, his staff and their families and listen for WLO on Night of Nights.

VY 73,

RD

=====
Richard Dillman, W6AWO
Maritime Radio Historical Society
<http://www.radiomarine.org>
Collector of Harleys, Willys and
Radios over 100lbs.
=====

Yahoo! Groups Links

<*> To visit your group on the web, go to:
<http://groups.yahoo.com/group/Radiomarine/>

<*> To unsubscribe from this group, send an email to:
Radiomarine-unsubscribe@yahoogroups.com

<*> Your use of Yahoo! Groups is subject to:
<http://docs.yahoo.com/info/terms/>

From: WA5CAB@cs.com
Message-ID: <1f8.d684b75.30031b20@cs.com>
Date: Sun, 10 Jul 2005 20:45:20 EDT
Subject: Re: Summary of info on RAO identification
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1f8.d684b75.30031b20_boundary"

--part1_1f8.d684b75.30031b20_boundary
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Comments interleaved. Source documents NAVSHIPS 900,352 (RA0-2/6), SHIPS 242A, SHIPS 275 and NAVSHIPS 900,116. And incidentally, SHIPS 242A ID's the RA0 as an unmodified (off-the-shelf) NC-100A as opposed to an NC-120.

In a message dated 7/8/2005 11:08:32 PM Central Daylight Time, postr@ohiou.edu writes:

> I have several questions. Regarding the note below that the RA0-6
> has a "little box" with a Navy coax connector installed. Did that
> same model also have the binding posts, perhaps inside that box? The
> note seem to imply that both were present. Also, what was the exact
> location of the Panadaptor output jack? And which, if any, of the
> RA0 had a twist-lock power connector?
>

RA0-6 SN 201 on still had the E-101 antenna terminal board and binding posts. The shallow box covered it, with the two wires from the NT-49120 concentric connector attached to the binding posts before the box was attached to the rear of the cabinet. According to NS 900,116 and SHIPS 242A, RA0-7 and RA0-9 are follow-ons of the latter RA0-6's.

Also, I noticed while looking up some of this that modification kits are said to have existed for adapting the RA0-2 and early RA0-6 as well as certain (early) RBH, RBL, RAK and RAL models for use with antenna cables terminated in the NT-49121 standard shipboard receiving concentric (coaxial) connector. So the presence of such a connector might not be absolute proof that a receiver wasn't an RA0-2 or early RA0-6.

The S0-239 Panadaptor output connector (looking at the rear of the cabinet) is to the left of the antenna connector box.

None of the documentation I have indicate any twist-lock connectors. All have or are implied to have by statements like "identical to RA0-n" either two or one octal type connector.

> Here is the draft of RA0 identification summary:

>

>

>

> RA0 Manufactured by National , type CNA-46072, rack mount.
> The first RA0 has no "back porch". (the added second sliding coil
> catacomb that adds an extra RF amp stage and 4 inches to the depth
> of the receiver) All other models have the "back porch". original
> Navy Contract date was 10/18/38. antenna input is to a terminal
> board.

>

RAO-1, (National) CNA-46088 cabinet mount. One RF and 6V6G audio output. Otherwise tube lineup same as RAO-2,3,4,6,7,9. Also listed as 1938.

> RAO-2 Manufactured by National , type CNA-46187. uses type
> CNA-10125 Mount. has S-meter. No Panadaptor output. Serial number
> range is 1 - 2721. in NAVSHIPS 900,352. antenna input to a
> terminal board.
> Known contract date: 11/20/1943
>
> RAO-3 Manufactured by Wells Gardner, type CWQ-46187-A. has S-meter.
> 115 volts only. in Navships-900, 359-1B. known contract date code
> 11/18/1943. "odd antenna connector". No Panadaptor output.
>
> RAO-4 Manufactured by Wells Gardner, type CWQ-46187-B. has S-meter.
> Same as RAO-3 except 115/230 volts with a jumpering arrangement to
> change voltages. in Navships-900, 359-1B. "odd antenna connector".
> No Panadaptor output.
>
> RAO-5 Manufactured by Wells Gardner, type CWQ-46229 receiver,
> CWQ-49493 Loudspeaker and CWQ-10125-A mount. 115/230 VAC input. (but
> manual for RAO-7 says "Odd numbered models (5, 7, etc.) operated from
> 115 VAC.") has Navy type coaxial connector antenna input. Connector
> is straight into back of set (coax is horizontal)
>

Went back to 6V6 audio output amp but 6V6GT/G instead of 6V6G. Also, SHIPS 242A and 900,116 say RAO-3,4,5 (only ones built by CWQ) are the only 115/230 VAC models and were bought for shore station use, not shipboard.

> RAO-6 Manufactured by National, S/N 1 through 200 has S-meter, S/N
> 201 through S/N 1200 do not. in NAVSHIPS 900,352. has Navy type
> coaxial connector antenna input. Connector is in an add-on box with
> connector in top (coax is vertical). has Panadaptor output (S0-239).
> (may have twist-lock AC power connector).

No, at least according to photos and description in 900,352, the AC input is octal plug.

> One writer said "my RAO-6 manual is also rubber stamped on the cover
> "AND RAO-7". The schematic and parts list has E-101 antenna binding
> posts, followed by J-105, Jack, concentric antenna, and the drawing
> shows a small added box on rear with J-105 mounted vertically. Look
> for 4 screw holes in back around the binding post for indications
> that an antenna box was there." "Odd oversized antenna connector is
> correct". Known contract Date: 22SEP1943

Early RAO-7 is same as late RAO-6. Maybe the Navy was saving money on manuals. Early RAO-6 receiver is CNA-46187. Late (S/N 201 on) is CNA-46187-D.

>
> RAO-7 Manufactured by National, type CNA46233. no S-meter. 115
> volts. (may have twist-lock AC power connector). has Panadaptor
> output (S0-239). Manual for RAO-7 says
> "The RAO-7 is the Navy model of the NC-101XA receiver. The main
> difference being the addition of a second rf stage for reduced
> radiation from the local oscillator and the omission of the S-meter.
> The RAO is a general coverage receiver with no electrical bandspread
> and covers from 540 kcs to 30 mc with an IF of 455 kc. Odd numbered
> models (5, 7, etc.) operated from 115 VAC."
> Known contract date: 31MAY1945 (for 1073 receivers and 1073 spare parts
> sets).
>
> RAO-8, no S-meter.
>
> RAO-9 Manufactured by National, type CNA-46283. no S-meter. Has
> small rack mount "handles" and "capture" screws on front panel.
>
> Components inside marked "CNA-xxx" indicate National as manufacturer.
> Components inside marked "CWQ-xxx" indicate Wells Gardner as manufacturer.
>

RAO-9 listed as for countermeasures use in 900,116. Changes in grid circuits
of both RF amps. SHIPS 242A says "modified for use near transmitters",
probably referring to same mods.

RAO-7 and RAO-9 have provisions for removing front panel and chassis from
cabinet (for servicing).

My only source document that lists RAO-8 is SHIPS 242A. Says built 1943,
with one-piece chassis but says CNA, not CWQ. 900,116 skips -8.

73

Robert Downs - Houston

<<http://www.wa5cab.com>> (Web Store)

MVPA 9480

<wa5cab@cs.com> (Primary email)

<wa5cab@houston.rr.com> (Backup email)

--part1_1f8.d684b75.30031b20_boundary

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
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* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--part1_1f8.d684b75.30031b20_boundary--

Message-ID: <10562.24.30.92.168.1121087069.squirrel@fracas.netboobie.org>
Date: Mon, 11 Jul 2005 09:04:29 -0400 (EDT)
Subject: Re: [Radiomarine] Night of Nights Reminder - With Updates
From: "Marty Reynolds' debris field" <polepeeg@ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

>
> program. The interview will be rebroadcast on Monday, 11 June, at 5:30pm
> pdt.

gess u mean 2-nite, 11 Jul

Streaming up now @ 48kbps. Just off-air hiss

Marty & I'll listen

Message-ID: <19510026.1121095480386.JavaMail.root@wamui-swiss.atl.sa.earthlink.net>
Date: Mon, 11 Jul 2005 11:24:40 -0400 (EDT)
From: Richard Dillman <ddillman@igc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [Radiomarine] Night of Nights Reminder - With Updates
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

gess u mean 2-nite, 11 Jul

Right, thanks.

RD

=====
Richard Dillman, W6AW0
Maritime Radio Historical Society
<http://www.radiomarine.org>
Collector of Harleys, Willys and
Radios over 100lbs.
=====

From: "Richard W. Solomon" <w1ksz@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Manuals & BA Parts
Date: Mon, 11 Jul 2005 17:26:02 -0400
Message-ID: <IBEAICMPAKMPCMJKFBLBCEGCEJAA.w1ksz@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a large list of Original Tek Manuals going back to the
502 tube type and a lot of B/A parts.
E-mail me for a copy of the list.

73, Dick, W1KSZ

Message-ID: <42D2E6DC.2090703@aschen.com>
Date: Mon, 11 Jul 2005 16:38:36 -0500
From: Tom Aschenbrenner <boat@aschen.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Manual needed for SPA-1
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

I just discovered I had an email problem the last time I asked you all if
anyone had a manual for the SPA-1 (part of the ECM complex aboard
the WWII submarine USS COBIA).

If anyone has a manual, a copy, or something I could copy, could you
please respond again to the email: tomash_1@yahoo.com.

Thanks very much.

Tom A.

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Johnson FS and Free
MIME-Version: 1.0
Message-ID: <0FB3367DC4.85C9E212-
ON8825703B.00761711-8625703B.00787EE8@philips.com>
From: Brian K Harris <brian.k.harris@philips.com>
Date: Mon, 11 Jul 2005 16:53:50 -0500
Content-Type: multipart/alternative; boundary="=_alternative 00787EDF8625703B_="

This is a multipart message in MIME format.

--=_alternative 00787EDF8625703B_="

Content-Type: text/plain; charset="US-ASCII"

For Sale: Johnson Thunderbolt cabinet (also fits 500 and Valiant) - This very straight cabinet has good condition, original paint. For reasons unknown to me, someone drilled six 5/16" and three 3/8" holes in the top of the cabinet. These holes can be solid filled using JB Weld, epoxy, lead or solder and then redrilled to match the original hole pattern. \$50 plus shipping from 75081.

Free (for shipping from 75081): Johnson Thunderbolt bare steel chassis. No corrosion. This chassis is great for an amplifier foundation (pair of 4-400's/3-500Z's) or, alternatively, for target practice.

Brian K. Harris, Account Manager, South Central Region

Philips Semiconductors
2140 Lake Park Boulevard, Suite 200
Richardson, Texas 75080 USA

Office: 972 705-2484
Mobile: 214-763-5977
Fax: 972-705-2450
Email: brian.k.harris@philips.com

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Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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End of BOATANCHORS Digest 3826
